

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093251.D
 Acq On : 19 Jun 2017 15:28
 Operator : SJ/MA
 Sample : I3599-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D38

Quant Time: Jun 20 04:19:53 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 04:17:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2395	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12361	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7744	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18629	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19009	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1018508	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4512	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13858	0.27	ng/ul	0.00

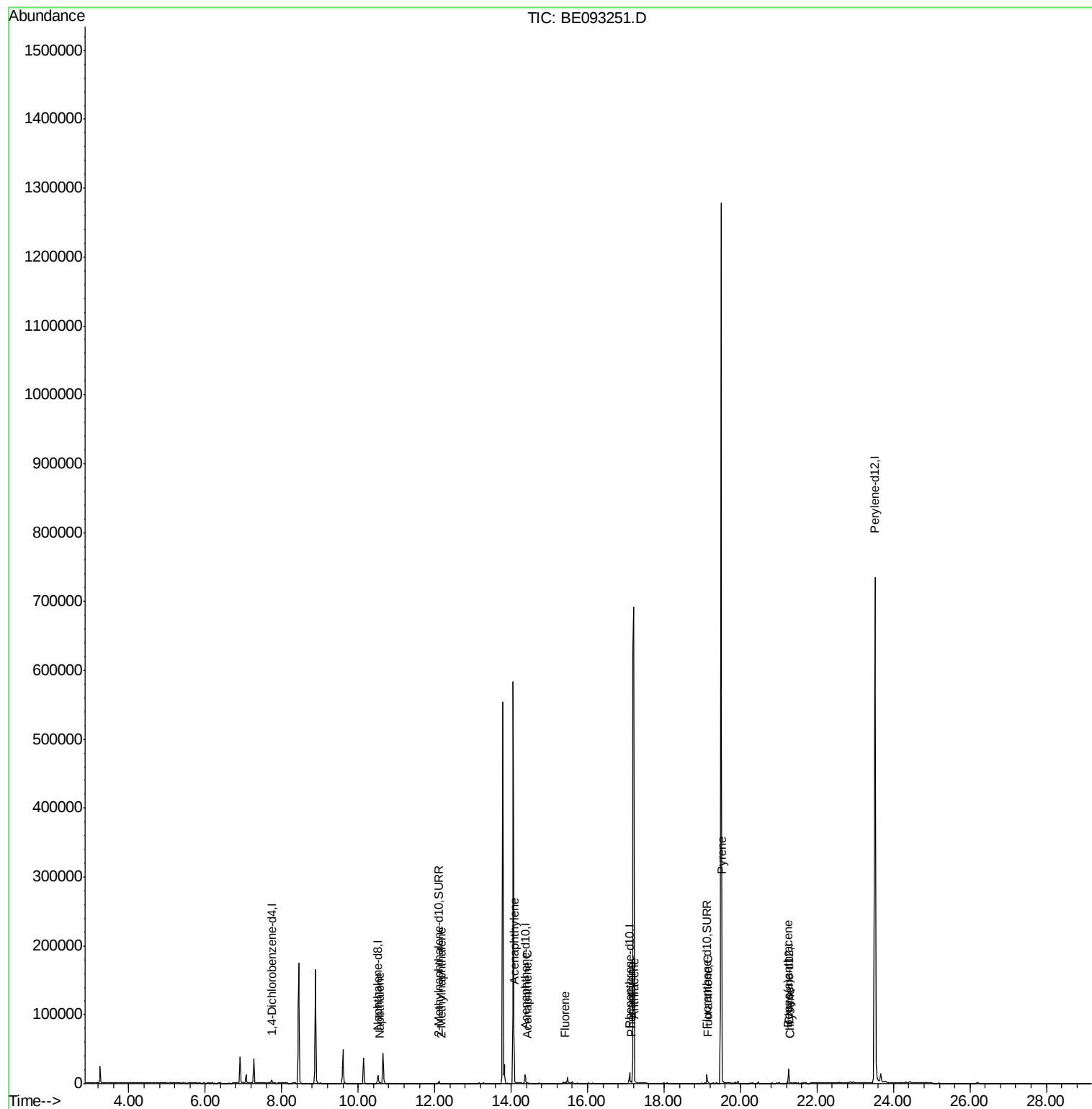
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1101	0.036	ng/ul#	87
5) 2-Methylnaphthalene	12.18	142	368	0.018	ng/ul	99
7) Acenaphthylene	14.09	152	388	0.012	ng/ul#	53
8) Acenaphthene	14.43	153	629	0.023	ng/ul	98
9) Fluorene	15.42	166	857	0.027	ng/ul	91
12) Phenanthrene	17.14	178	3724	0.073	ng/ul#	90
13) Anthracene	17.22	178	1224	0.027	ng/ul#	76
15) Fluoranthene	19.15	202	2825	0.045	ng/ul	84
17) Pyrene	19.51	202	2353	0.042	ng/ul#	95
18) Benzo(a)anthracene	21.24	228	876	0.017	ng/ul#	79
19) Chrysene	21.29	228	887	0.017	ng/ul#	77

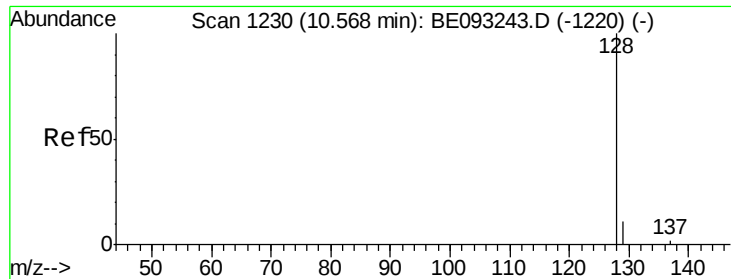
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

Instrument :

BNA_E

ClientSampleId :

F5D38

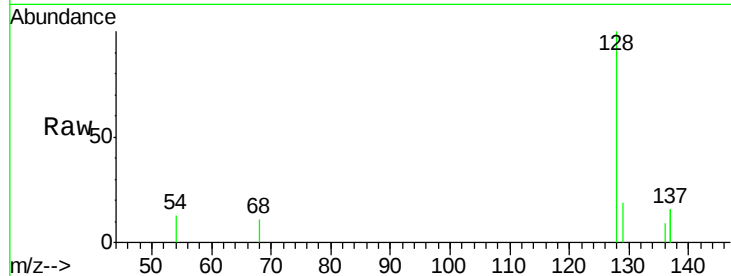
Tgt Ion:128 Resp: 1101

Ion Ratio Lower Upper

128 100

129 19.3 11.3 16.9#

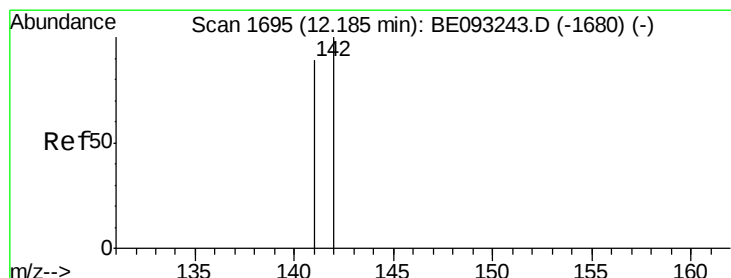
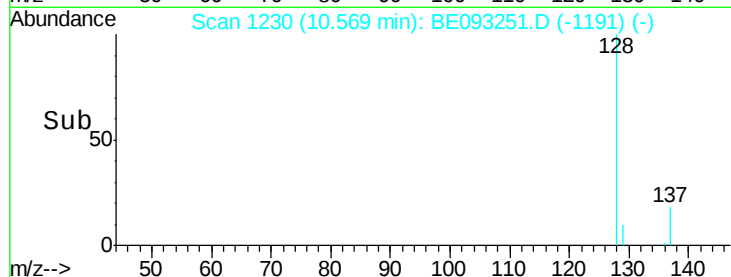
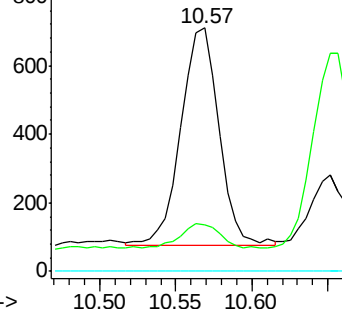
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.018 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093251.D

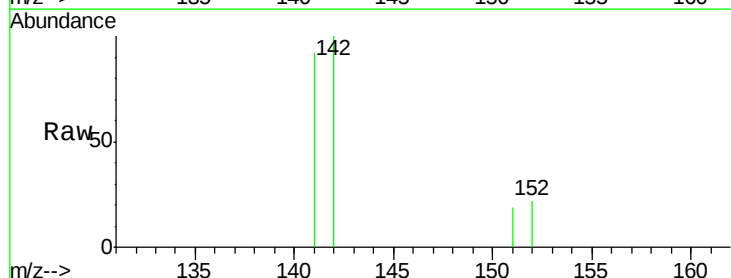
Acq: 19 Jun 2017 15:28

Tgt Ion:142 Resp: 368

Ion Ratio Lower Upper

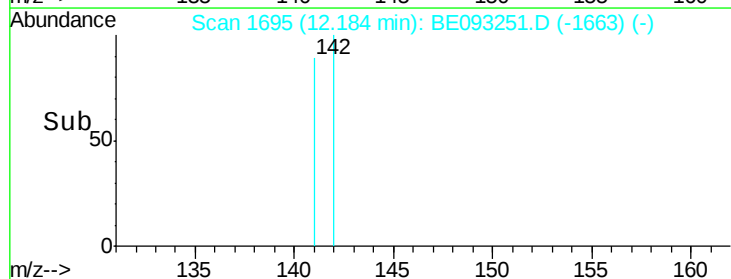
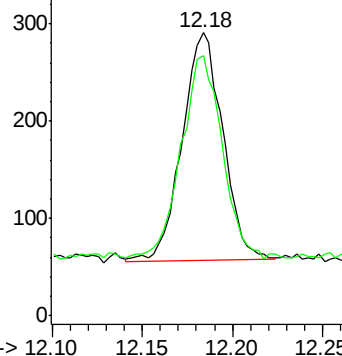
142 100

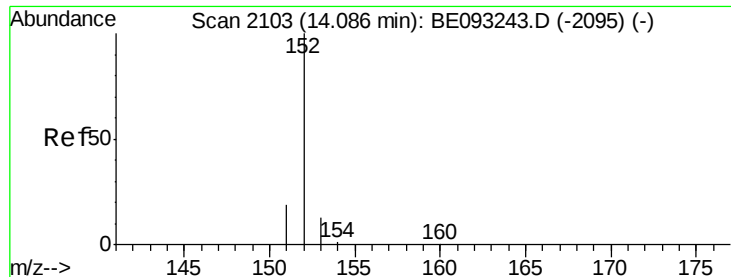
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.012 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

Instrument :

BNA_E

ClientSampleId :

F5D38

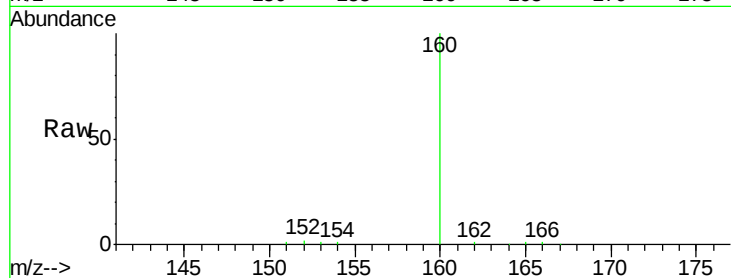
Tgt Ion:152 Resp: 388

Ion Ratio Lower Upper

152 100

151 41.3 17.1 25.7#

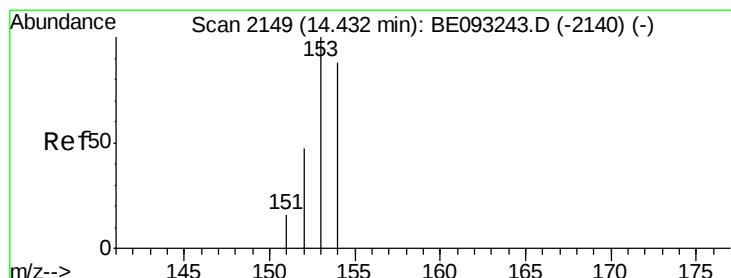
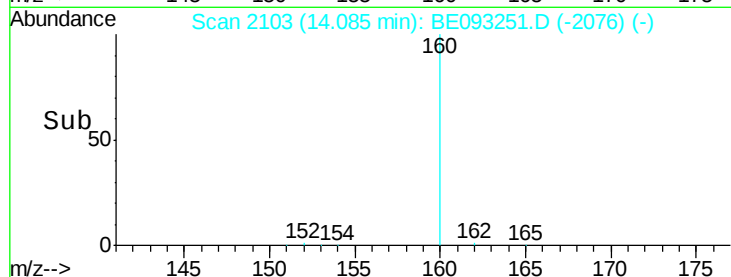
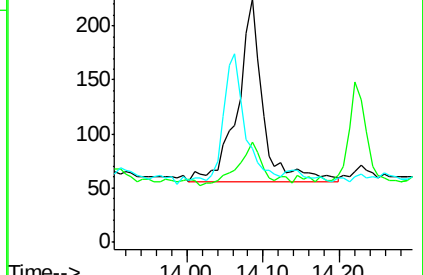
153 38.7 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

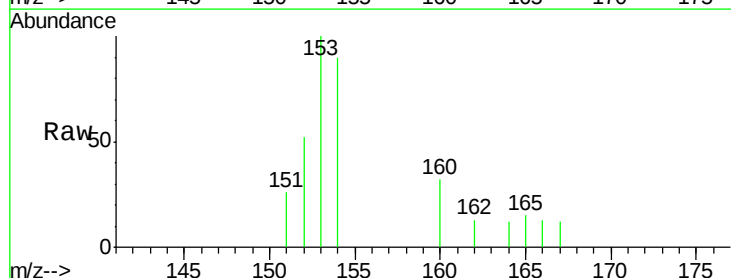
Tgt Ion:153 Resp: 629

Ion Ratio Lower Upper

153 100

152 52.5 40.3 60.5

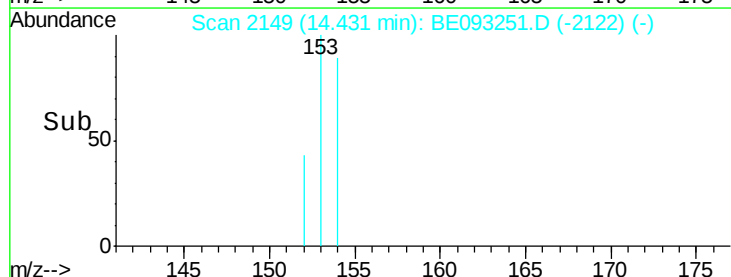
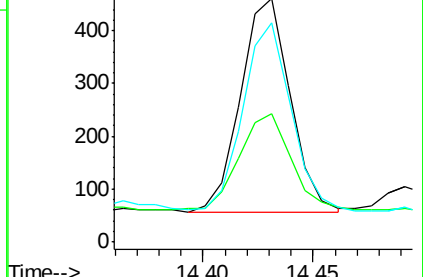
154 90.0 71.4 107.2

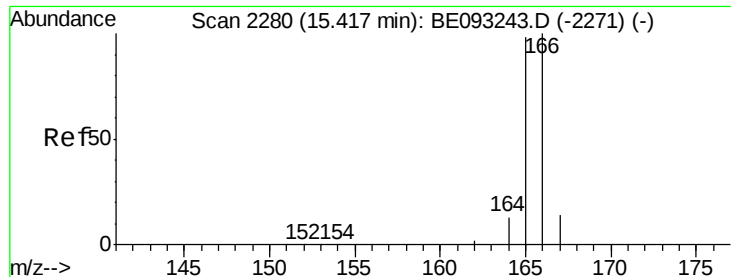


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

Instrument :

BNA_E

ClientSampleId :

F5D38

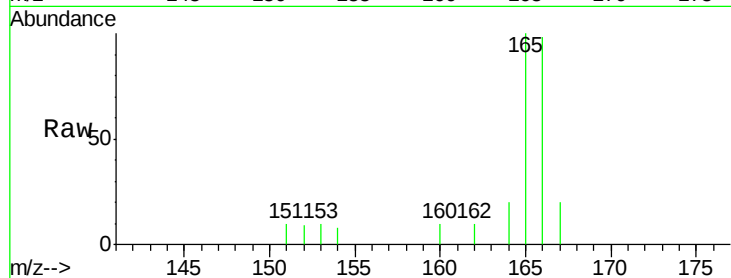
Tgt Ion:166 Resp: 857

Ion Ratio Lower Upper

166 100

165 101.7 73.4 110.2

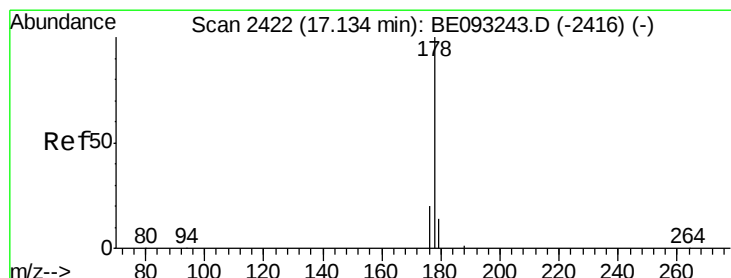
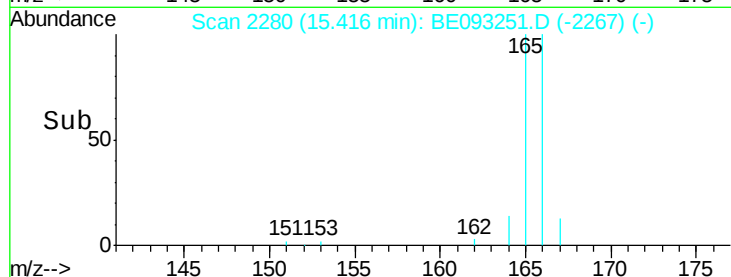
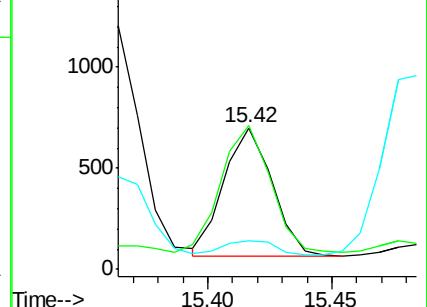
167 20.4 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.073 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

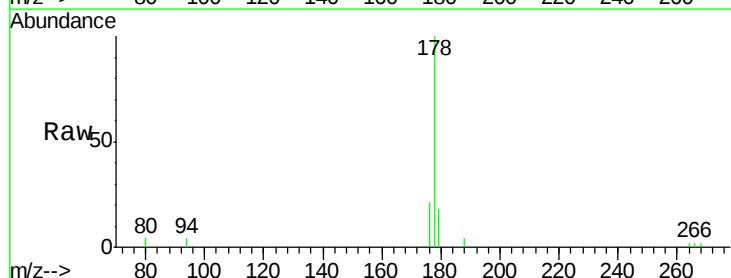
Tgt Ion:178 Resp: 3724

Ion Ratio Lower Upper

178 100

179 18.0 18.4 27.6#

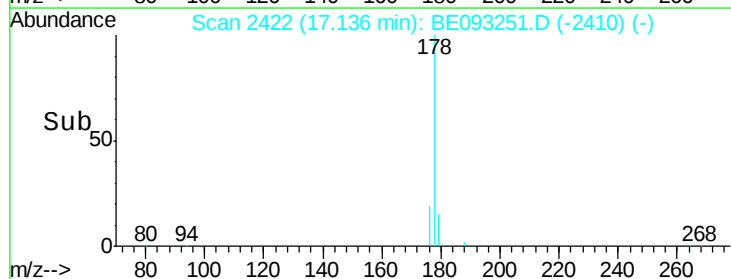
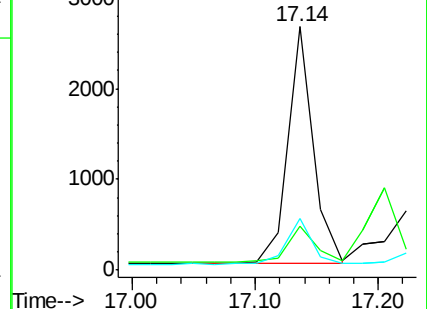
176 21.0 13.6 20.4#

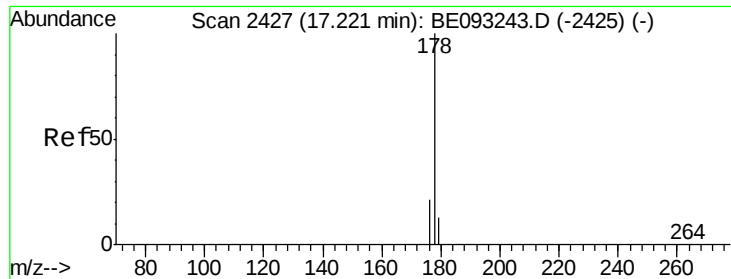


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.027 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

Instrument :

BNA_E

ClientSampleId :

F5D38

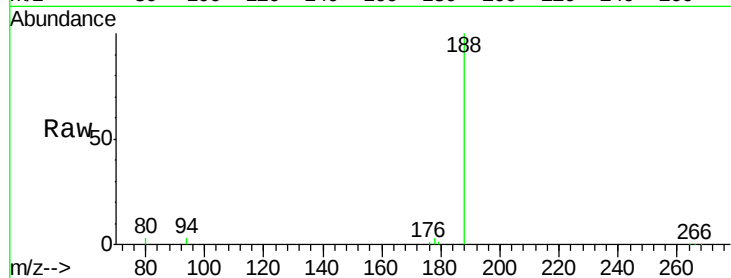
Tgt Ion:178 Resp: 1224

Ion Ratio Lower Upper

178 100

179 35.1 18.1 27.1#

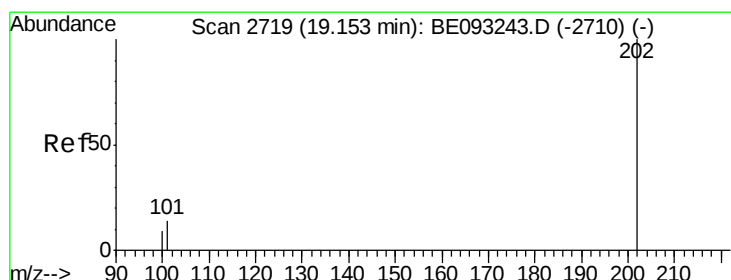
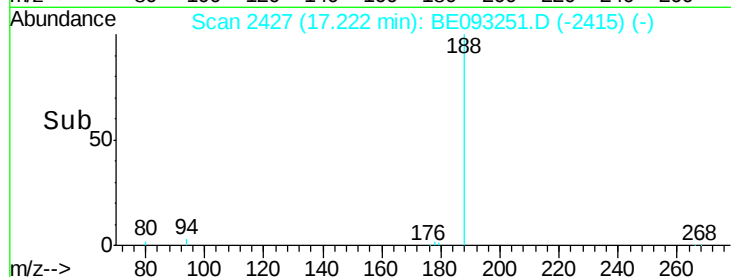
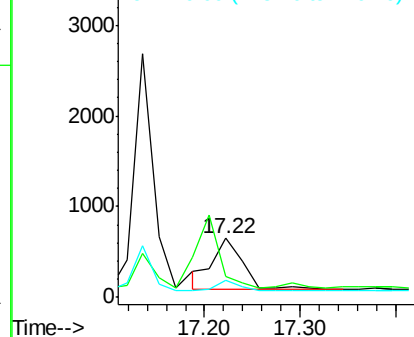
176 28.4 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.045 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

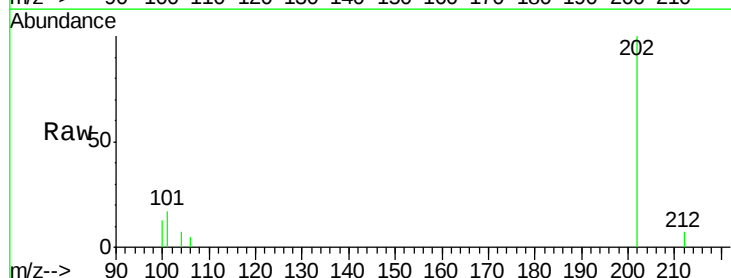
Tgt Ion:202 Resp: 2825

Ion Ratio Lower Upper

202 100

101 17.4 0.0 30.3

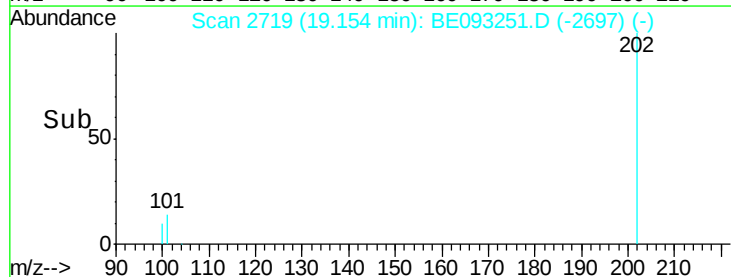
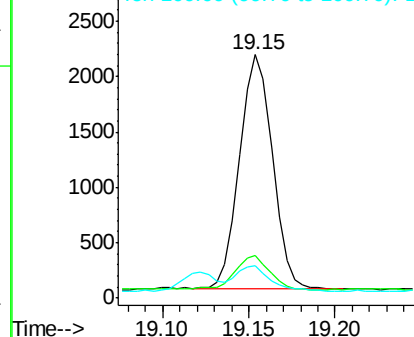
100 13.1 0.0 39.5

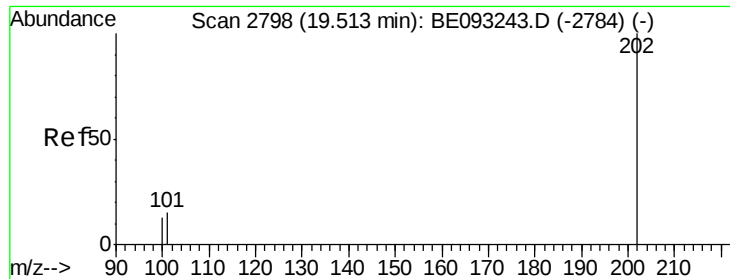


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

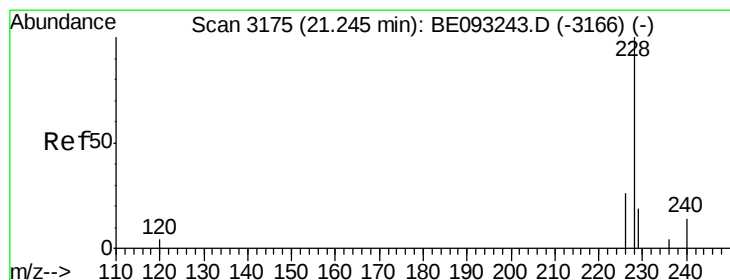
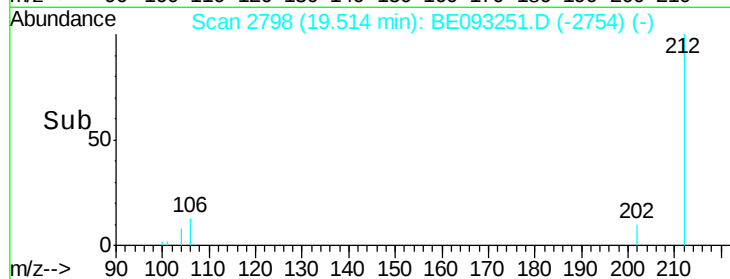
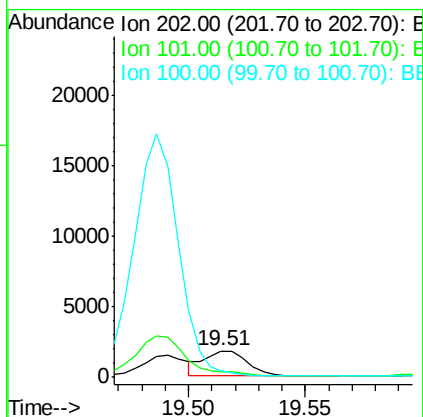
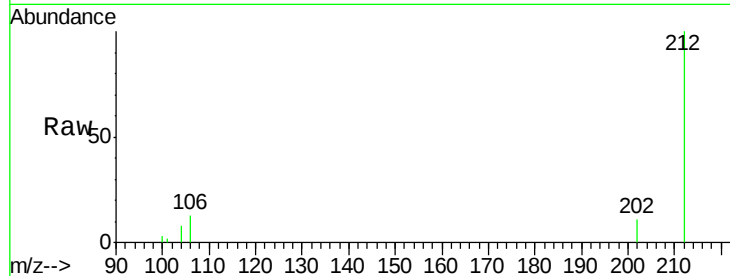




#17
 Pyrene
 Concen: 0.042 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093251.D
 Acq: 19 Jun 2017 15:28

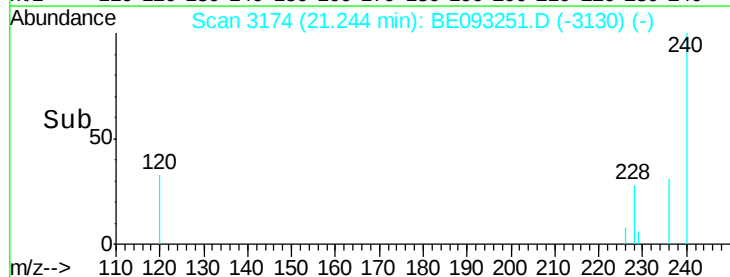
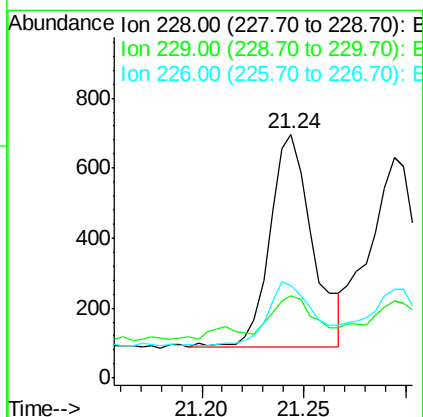
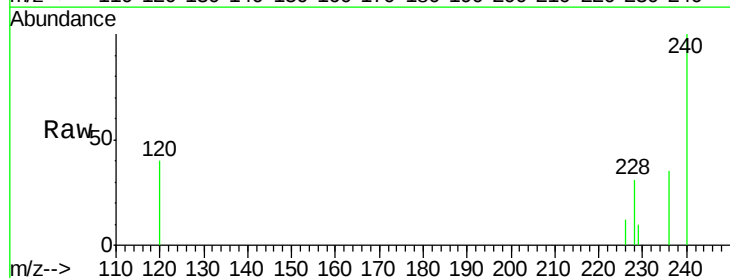
Instrument :
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 F5D38

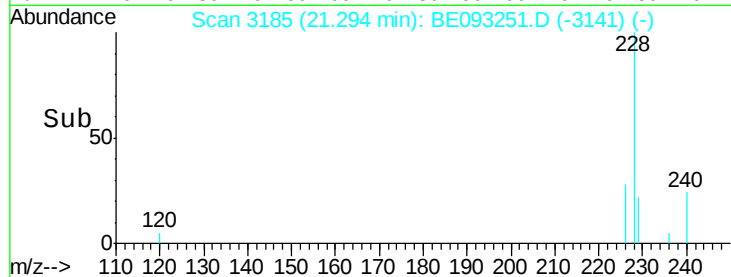
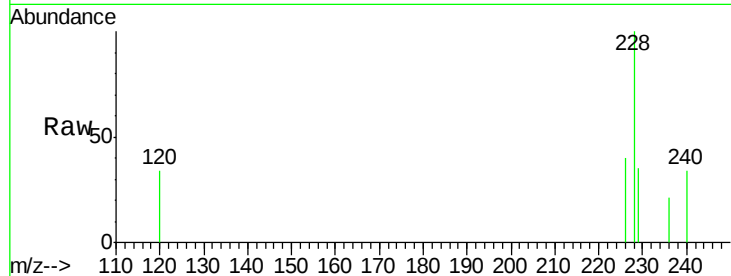
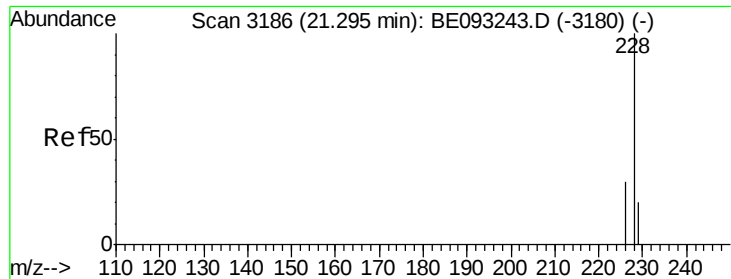
Tgt Ion:202 Resp: 2353
 Ion Ratio Lower Upper
 202 100
 101 22.6 18.2 27.4
 100 23.8 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.017 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BE093251.D
 Acq: 19 Jun 2017 15:28

Tgt Ion:228 Resp: 876
 Ion Ratio Lower Upper
 228 100
 229 33.6 22.8 34.2
 226 38.1 17.0 25.6#





#19

Chrysene

Concen: 0.017 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093251.D

Acq: 19 Jun 2017 15:28

Instrument :

BNA_E

ClientSampleId :

F5D38

Tgt Ion:228 Resp: 887

Ion Ratio Lower Upper

228 100

226 40.0 23.4 35.0#

229 35.1 17.7 26.5#

